

(C) WPI / DERWENT

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19881208

CPY - TOYJ

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DR - 1759-U

FS - CPI;GMPI

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MC - D09-B E31-P02B J01-E03C

M3 - [01] A212 A220 A313 A350 A425 A426 A427 A428 A429 A430 A940 B114 B701
B712 B720 B831 C108 C802 C803 C804 C805 C807 M411 M781 M903 M904 Q261
Q508 Q604 R038; 9030-C6201-U; 1327-U 0502-U

PA - (TOYJ) TOSOH CORP

PN - JP2969634B2 B2 19991102 DW199951 B01J20/18 006pp

- JP2157039 A 19900615 DW199030 006pp

PR - JP19880308789 19881208

XA - C1990-098760

XIC - A61L-009/01 ; B01D-053/34 ; B01D-053/38 ; B01D-053/81 ; B01J-020/18

AB - J02157039 New deodorant comprises metal ion exchanged zeolite. Pref.
metal ions which are exchanged are Mn, Fe, Co, Ni, Cu, Zn, Al, Sn, Ca
or Mg.

- USE/ADVANTAGE - Used to remove offensive odour. Odorous mater once
trapped in zeolite is hardly desorbed. New deodorant is white colour,
so easy to handle. It can work even in humid atmos. Degradation of
deodorising power can be detected by colour change.

- In an example, sodium-A type zeolite powders were dispersed in water
to prepare slurry contg. 20 wt.% of solids; CuSO4 was added to slurry;
mixt. was stirred for 30 min. at room temp.; slurry was filtered off;
solids were water-washed, dried at 100 deg.C., and placed in humid
atmos. of 80% RH overnight. Resultant deodorant contained 13.4 wt.% of
Cu and 20 wt.% of water, whose SiO2/Al2O3 ratio was 2.1 by mol., whose
H2S adsorption capacity was 17 mg/g. (6pp Dwg.No.0/0)

CN - 9030-C6201-U

DRL - 1327-U 0502-U

IW - NEW DEODORISE COMPRISE METAL ION EXCHANGE ZEOLITE

IKW - NEW DEODORISE COMPRISE METAL ION EXCHANGE ZEOLITE

NC - 001

OPD - 1988-12-08

ORD - 1990-06-15

PAW - (TOYJ) TOSOH CORP

TI - New deodorant - comprises metal ion exchanged zeolite, etc.